

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agral Weather Center
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Kentucky Department of Agriculture
Cooperative Extension Service

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USDA, NASS, Kentucky Field Office PO Box 1120 Louisville, Kentucky 40201-1120 (502) 582-5293 or 1-800-928-5277

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: After seven straight weeks of below normal rainfall, most of the Commonwealth received some welcome rainfall during the first part of the week. Temperatures averaged 64 degrees which was 8 degrees cooler than normal, and except for the purchase area, a good portion of the State received beneficial rains this past week. The outlook for double crop soybeans took a positive turn in the face of what was becoming a pessimistic situation. A few more good soaking rains can help turn around pastures and start to refill ponds. Average rainfall for the week totaled 1.91 inches statewide, which is 1.11 inches above normal. Twenty-three out of 31 statewide weather stations reported precipitation of at least 0.10 inches for the week. Topsoil moisture was rated 8 percent very short, 28 percent short, 59 percent adequate and 5 percent surplus. Subsoil moisture was rated 11 percent very short, 33 percent short, 54 percent adequate and 2 percent surplus. There were 3.1 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week were harvesting corn, cutting and housing tobacco, and clipping pastures.

ROW CROPS: Corn crop condition was rated as 2 percent very poor, 6 percent poor, 30 percent fair, 49 percent good, and 13 percent excellent. Corn harvested was 19 percent, compared to 51 percent last year and 25 percent on average. Fifty-eight percent of the corn acreage was considered mature, well behind the 85 percent for the previous year and the five year average of 71 percent. Eighty-one percent of corn had dented, also behind the 97 percent of a year ago and 94 percent for the average. Ninety-one percent of the corn has reached the dough stage, behind both 100 percent for the previous year and 99 percent for the average. The expectations of the crop in the field remain mixed. There has been a continued fear that both the size of the ear and the kernel fill will have been severely compromised by the hot summer. It remains to be seen if this return to more seasonable weather has an effect on the amount of grain going into the bins. Soybean condition was rated 3 percent very poor, 11 percent poor, 38 percent fair, 41 percent good, and 7 percent excellent. Twenty-two percent of soybeans were reported to be shedding leaves, compared to 50 percent last year, and 24 percent for the five year average. Farmers are concerned about whether the recent rains will be able to stem the decline in their soybeans and start filling the pods.

TOBACCO: No major disease problems have been reported in tobacco, but there is considerable concern about weight and quality. Burley tobacco cut was at 57 percent, compared to 72 percent last year and 67 percent for the five year average. Dark tobacco cut, was 63 percent, which was the same as reported for the previous year, and near the 61 percent for the five year average. The past week has greatly improved the curing conditions for hanging tobacco. The housed tobacco condition was rated at 2 percent very poor,6 percent poor, 33 percent fair, 52 percent good, and 7 percent excellent.

OTHER CROPS AND PASTURE: Pasture conditions have improved this past week but they have a long way to full recovery. Pasture condition was reported at 7 percent very poor, 22 percent poor, 41 percent fair, 27 percent good, and 3 percent excellent. Hay crop condition was rated at 7 percent very poor, 19 percent poor,41 percent fair, 29 percent good, and 4 percent excellent.

CROP PROGRESS for week ending 09/11/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg			
	Percent						
Corn Dough	91	86	100	99			
Corn Dent	81	71	97	94			
Corn Mature	58	37	85	71			
Corn Harvested	19	7	51	25			
Soybeans Dropping Leaves	22	10	50	24			
Burley Tobacco Cut	57	49	72	67			
Dark Tobacco Cut	63	48	63	61			

SOIL MOISTURE for week ending 09/11/11

	Very Short	Short	Adequate	Surplus					
		Percent							
Topsoil Subsoil	8	28	59	5					
Subsoil	11	33	54	2					

CROP CONDITIONS for week ending 09/11/11

ONO COMBINIONS for week ending 03/11/11									
Crop	Very Poor	Poor	Fair	Good	Ex				
	Percent								
Corn	2	6	30	49	13				
Soybeans	3	11	38	41	7				
Pasture	7	22	41	27	3				
Hay Crops	7	19	41	29	4				
Tobacco House	d 2	6	33	52	7				

KENTUCKY WEATHER SUMMARY, SEPTEMBER 5 - 11, 2011:

Below Normal Temperature and Above Normal Rainfall:

After 7 straight weeks in a row of below normal rainfall, the remnants of Tropical Storm Lee provided a wet week. Most of the heavy rainfall fell Sunday and Monday, with light showers and drizzle through Friday. Unfortunately, little to no rainfall reached the far western purchase area of the state. However; all other counties in drought received around or above normal rainfall for the week. Temperatures also changed a great deal this past week. For the first time since mid June, the Commonwealth experienced a below normal week for temperature. Average high temperatures changed from the 90s one week ago to the mid 70s and upper 60s this past week, all due to the heavy cloud cover from Lee.

Temperatures for the period averaged 64 degrees across the state which was 8 degrees cooler than normal and 14 degrees cooler than the previous period. High temperatures averaged from 75 in the West to 69 in the East. Departure from normal high temperatures ranged from 10 degrees cooler than normal in the West to 14 degrees cooler than normal in the East. Low temperatures averaged from 56 degrees in the West to 58 degrees in the East. Departure from normal low temperature ranged from 6 degrees cooler than normal in the West to 1 degree cooler than normal in the East. The extreme high temperature for the period was 85 degrees at Mayfield and the extreme low was 45 degrees at Mayfield.

Rainfall for the period totaled 1.91 inches statewide which was 1.11 inches above normal and 239% of normal. Rainfall totals by climate division, West 0.21 inches, Central 2.54 inches, Bluegrass 1.82 inches and East 3.08 inches, which was -0.56, 1.65, 1.08 and 2.28 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Benton to a high of 5.56 inches at Pikeville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 11, 7:00 P.M.

	====== 						, 209200 2010					
Weather	 Last	Since April	Last Four	Norm Since	Norm Last	i I		Wkly.	Dev. From	 Last	Since Apr	e Dev. Since
Station	Week	1	Wks.	Apr 1	4 Wks.	Hi 	Lo	Avg.	Norm	Week 	1	Apr 1
(Inches)							(Dec	grees :	 F)			
Bardstown	2.08	39.32	•	+17.21	-0.38	78	54	62.4	-7	84	3359	+279
Berea	2.61	27.76	3.25	+4.86	-0.40	79	54	62.6	-6	86	3154	-30
Bowling Gree	3.80	32.44	4.81	+9.40	+1.52	83	57	66.3	-3	113	3675	+461
Bristol	2.38	22.52	3.22	+3.09	+0.29	85	53	67.6	-1	120	3507	+549
Buckhorn Lak	2.76	35.39	3.89	+13.55	+0.55	76	53	61.6	-7	79	3097	+303
Cape Girarde	0.09	37.21	0.16	+15.78	-3.06	85	46	65.3	-6	110	3603	+235
Campbellsvil	3.48	32.22	5.60	+6.49	+1.39	79	56	62.9	-7	88	3283	+129
Covington	0.83	36.50	1.43	+15.98	-1.46	78	55	63.9	-5	95	3249	+331
Cumberland G	4.20	30.43	4.59	+6.55	+1.09	79	55	64.1	-5	98	3339	+411
Dix Dam	2.80	32.90	3.51	+10.16	+0.12	77	56	62.9	-6	89	3295	+173
Evansville	0.02	34.39	0.64	+13.89	-2.15	80	53	65.1	-6	104	3541	+326
Glasgow	2.93	32.94	3.49	+7.96	-0.15	80	56	64.0	-6	97	3476	+352
Grayson	2.32	36.39	2.94	+15.04	-0.12	77	56	63.3	-5	91	3107	+343
Hardinsburg	0.78	37.82	1.17	+14.96	-2.24	79	54	63.9	-6	96	3372	+147
Henderson	0.00	31.42	0.17	+10.29	-2.84	82	53	65.0	-7	103	3450	+205
Huntington	2.04	33.40	5.26	+11.94	+2.07	79	57	64.4	-4	99	3471	+523
Jackson	2.13	33.60	2.59	+10.65	-0.90	78	56	63.2	-6	91	3293	+499
Lexington	2.07	33.66		+11.55	+0.28	78	55	62.8	-6	88	3251	+292
London	3.15	32.01	3.28	+10.86	+0.19	79	55	62.6	-6	86	3281	+364
Louisville	0.54	35.27	0.63	+13.75	-2.47	82	56	65.0	-5	103	3728	+482
Mayfield	0.01	31.13	0.32	+7.92	-3.24	85	45	64.6	-7	105	3531	+245
Nashville	3.59	26.77	5.76	+5.27	+2.61	83	54	65.6	-4	107	3596	+145
Nolin Lake	1.46	37.54	3.14	+13.26	-0.46	79	54	63.6	-6	93	3343	+354
Paducah	0.02	37.12	0.20	+14.24	-2.98	84	51	66.1	-6	110	3641	+304
Princeton	0.00	34.91	2.84	+11.78	-0.58	82	49	65.7	-6	109	3540	+223
Quicksand	2.26	33.14		+10.19	-0.06	78	57	64.6	-4	100	3274	+480
Somerset	3.04	26.63	3.12	+2.69	-0.50	79	55	62.4	-6	85	3214	+195
Spindletop	0.01	30.88	0.49	+8.77	-2.84	78	55	63.4	-5	92	3255	+296
Williamstown	1.37	32.00	1.76	+10.24	-1.46	78	54	62.9	-6	89	3168	+209

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: http://www.agwx.ca.uky.edu/